

## HENRICO COUNTY

373607077331401. Local number, 50J 1 SOW 023.

**LOCATION.**--Lat 37°36'08", long 77°33'13", NAD83, Hydrologic Unit 02080205, 200 ft north of Three Chopt Road, 1.0 mi southeast of intersection of Three Chopt Road and Parham Road in Richmond. Owner: E. L. Gilman.

**AQUIFER.**--Petersburg Granite of Mississippian age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 10 in., depth 300 ft, cased to 68 ft, open hole 68 to 300 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 1, 1985, to Jul. 17, 1995, bimonthly measurement with chalked tape. Jun. 5, 1974, to Sep. 30, 1985, occasional measurement with chalked tape. Prior to Jun. 5, 1974, continuous strip-chart recorder.

**DATUM.**--Elevation of land-surface datum is 275 ft above sea level, from topographic map. Measuring point: Top of casing, 1.88 ft above land-surface datum.

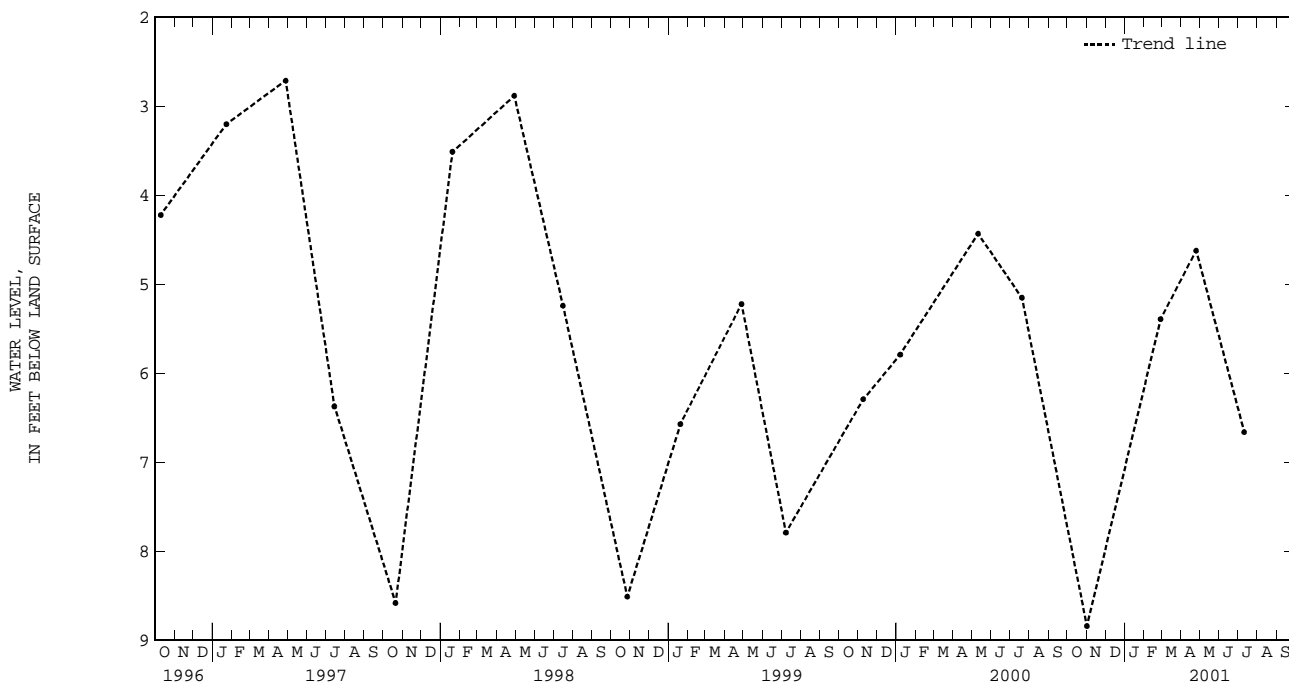
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division.

**PERIOD OF RECORD.**--May 1969 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level recorded, 1.48 ft below land-surface datum, Jun. 5, 1970; lowest recorded, 10.43 ft below land-surface datum, Jan. 5, 1971.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	8.84	FEB 27	5.39	APR 25	4.62	JUL 11	6.66
WATER YEAR 2001		HIGHEST	4.62	APR 25, 2001	LOWEST	8.84	NOV 01, 2000



## GROUND-WATER LEVELS

## HENRICO COUNTY

373428077233001. Local number, 51J 13.

**LOCATION.**--Lat 37°34'29", long 77°23'29", NAD83, Hydrologic Unit 02080206, 1,600 ft east of the intersection of U.S. Highway 360 (Mechanicsville Turnpike) and Laburnum Avenue and 500 ft south of Laburnum Avenue at water tower. Owner: Henrico County.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled unused water well, diameter 8 in. to 167 ft, diameter 6 in. from 167 to 275 ft, depth 275 ft, screened 167 to 186 ft, 213 to 226 ft, 248 to 258 ft.

**INSTRUMENTATION.**--Weekly measurements by Henrico County personnel and occasional measurements with chalked tape by USGS personnel. Prior to Apr. 2, 1992, digital recorder 60-minute punch.

**DATUM.**--Elevation of land-surface datum is 168 ft above sea level, from topographic map. Measuring point: Top of casing, 1.7 ft above land-surface datum prior to Apr. 8, 1992; 0.2 ft thereafter.

REMARKS.--Water level affected by local pumpage and regional drawdown.

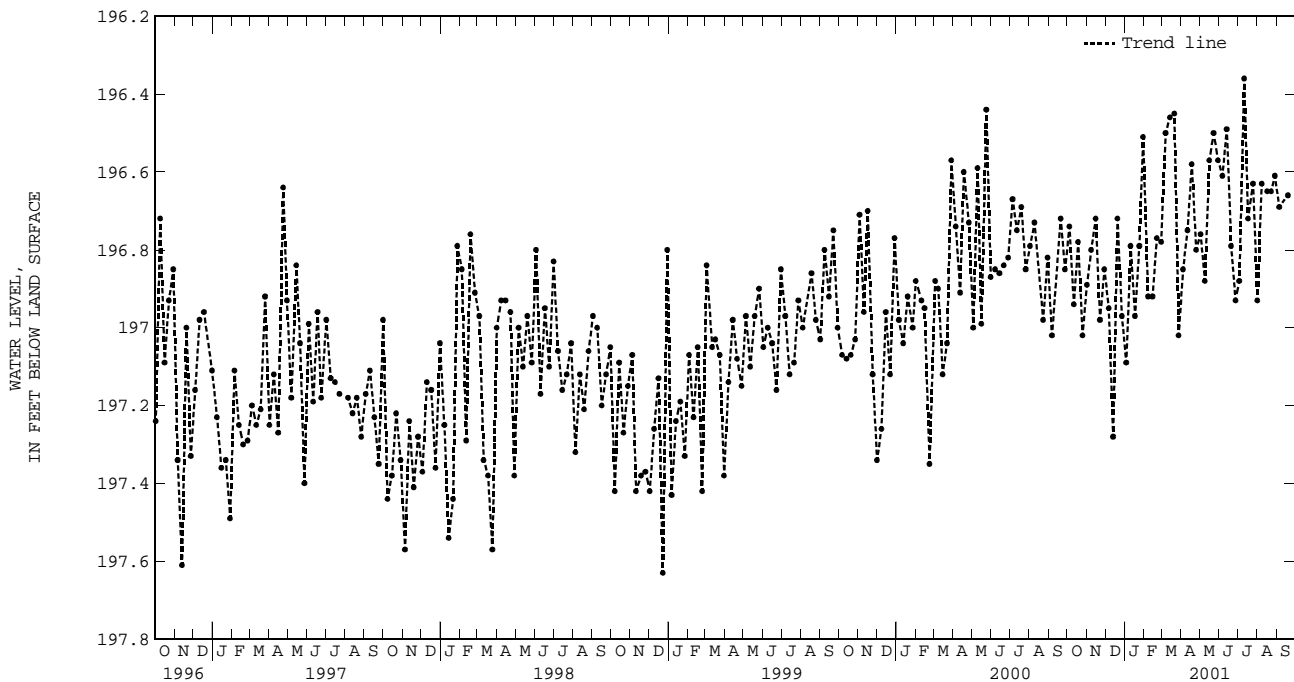
PERIOD OF RECORD.--January 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 190.85 ft below land-surface datum, Apr. 7, 1988; lowest measured, 197.63 ft below land-surface datum, Dec. 23, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	196.74	DEC 06	196.95	FEB 07	196.92	APR 11	196.75	JUN 13	196.49	AUG 17	196.65
11	196.94	13	197.28	14	196.92	18	196.58	20	196.79	23	196.65
18	196.78	20	196.72	21	196.77	25	196.80	27	196.93	29	196.61
25	197.02	27	196.97	28	196.78	MAY 02	196.76	JUL 03	196.88	SEP 05	196.69
NOV 01	196.89	JAN 03	197.09	MAR 07	196.50	MAY 09	196.88	JUL 11	196.36	SEP 19	196.66
08	196.80	10	196.79	14	196.46	16	196.57	17	196.72		
15	196.72	17	196.97	21	196.45	23	196.50	25	196.63		
22	196.98	24	196.79	28	197.02	30	196.57	AUG 01	196.93		
29	196.85	30	196.51	APR 04	196.85	JUN 06	196.61	08	196.63		

WATER YEAR 2001	HIGHEST	196.36	JUL 11, 2001	LOWEST	197.28	DEC 13, 2000
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## HENRICO COUNTY

373817077282501. Local number, 51K 14 SOW 137.

**LOCATION.**--Lat 37°38'18", long 77°28'24", NAD83, Hydrologic Unit 02080206, 50 ft east of entrance to J. Sargeant Reynolds Community College, 0.9 mi west of intersection of Parham Road and U.S. Highway 1, and 0.9 mi west of Yellow Tavern. Owner: Virginia Department of Environmental Quality.

**AQUIFER.**--Petersburg Granite of Mississippian age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 6 in., depth 280 ft, cased to 35 ft, open hole 35 to 280 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Sep. 30, 1985, to Jul. 17, 1995, bimonthly measurement with chalked tape. Prior to Sep. 30, 1985, monthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 180 ft above sea level, from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum prior to Sep. 9, 1980; 1.5 ft thereafter.

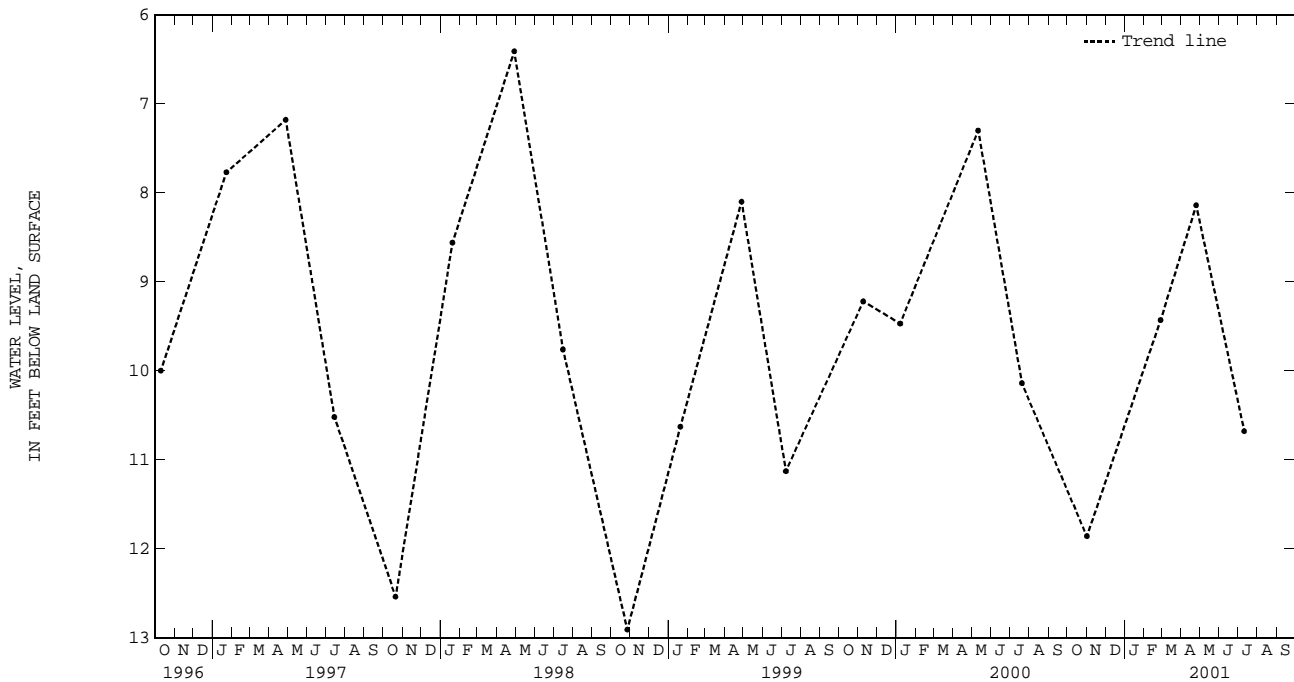
**REMARKS.**--Well was published as 373817077282501, local number 51K 4, from 1980 to 2000. Records provided by the Virginia Department of Environmental Quality - Water Division.

**PERIOD OF RECORD.**--April 1980 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 3.37 ft below land-surface datum, Apr. 30, 1987; lowest measured, 12.91 ft below land-surface datum, Oct. 27, 1998.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	11.86	FEB 27	9.43	APR 25	8.14	JUL 11	10.68
WATER YEAR 2001		HIGHEST	8.14	APR 25, 2001	LOWEST	11.86	NOV 01, 2000



## GROUND-WATER LEVELS

## HENRICO COUNTY

372936077211101. Local number, 52H 3 SOW 136.

**LOCATION.**--Lat 37°29'37", long 77°21'10", NAD83, Hydrologic Unit 02080206, 100 ft west of Laburnum Avenue, 0.9 mi north of intersection of Laburnum Avenue and Darbytown Road, and 2.4 mi southwest of Sandston. Owner: Nabisco Incorporated.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled unused water well, diameter 6 in., depth 209 ft, screened 149 to 159 ft, 199 to 209 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Mar. 25, 1985, to Jul. 17, 1995, bimonthly measurement with chalked tape. Prior to Mar. 25, 1985, occasional measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 150 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

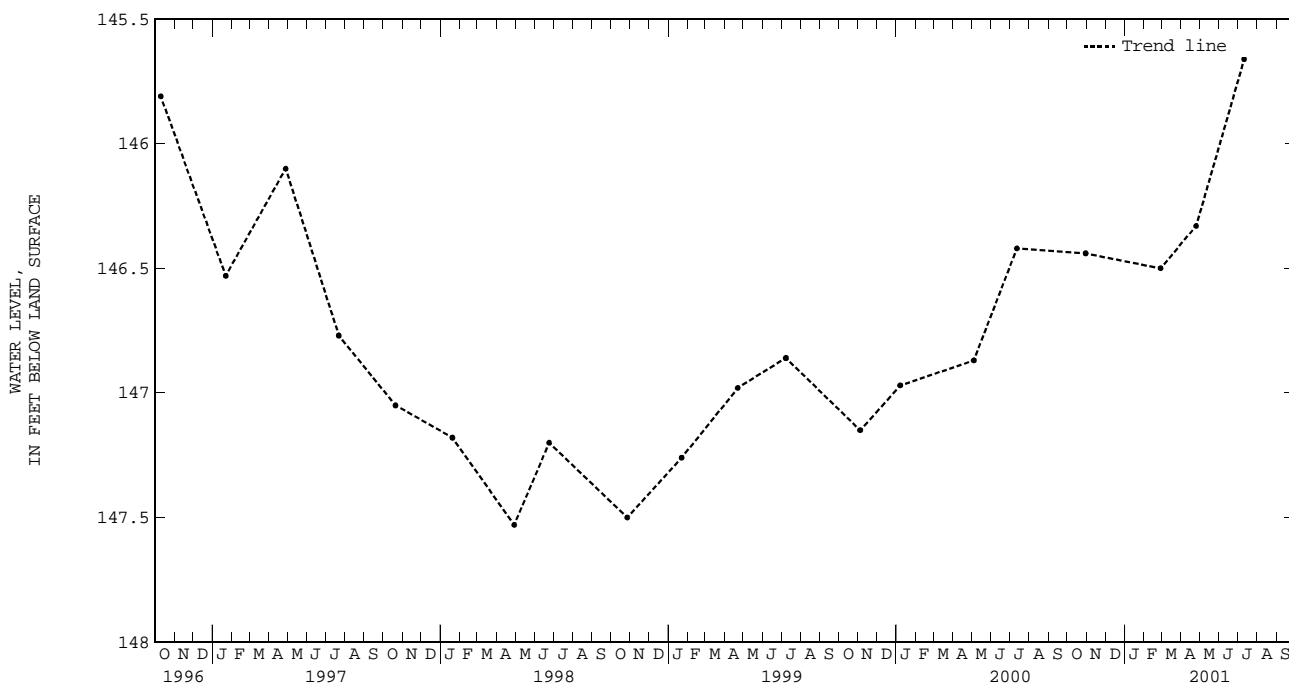
**REMARKS.**--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown.

**PERIOD OF RECORD.**--December 1974 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 131.42 ft below land-surface datum, Dec. 2, 1974; lowest measured, 147.53 ft below land-surface datum, Apr. 29, 1998.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	146.44	FEB 27	146.50	APR 25	146.33	JUL 11	145.66
WATER YEAR 2001		HIGHEST	145.66	JUL 11, 2001	LOWEST	146.50	FEB 27, 2001



372538077221501. Local number, 52H 16.

**AQUIFER.**--Yorktown-Eastover aquifer of Miocene-Pliocene age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 2 in., depth 34.25 ft, screened 24.25 ft to 34.25 ft.

**DATUM.**--Elevation of land-surface datum is 135 ft above sea level. Measuring point: Top of casing, 1.43 ft above land-surface datum.

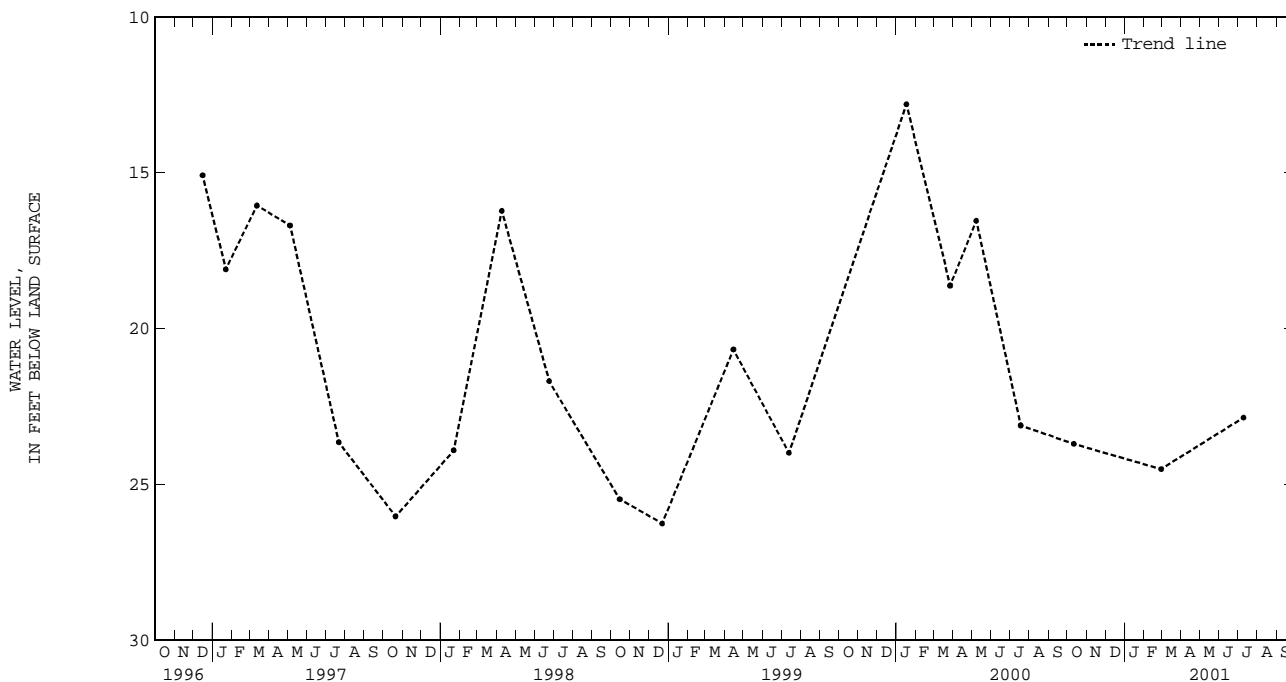
**REMARKS.**--Records provided by Virginia Department of Environmental Quality - Water Division.

PERIOD OF RECORD.--November 1995 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 12.80 ft below land-surface datum, Jan. 17, 2000; lowest measured, 26.27 ft below land-surface datum, Nov. 13, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL		
OCT 11	23.70	FEB 28	24.51	JUL 10	22.86		
WATER YEAR 2001		HIGHEST	22.86	JUL 10, 2001	LOWEST	24.51	FEB 28, 2001



## GROUND-WATER LEVELS

## HENRICO COUNTY

372538077221502. Local number, 52H 17.

**LOCATION.**--Lat 37°25'39", long 77°22'14", NAD83, Hydrologic Unit 02080206, at Richmond National Battlefields Park - Fort Harrison Unit, 800 ft east of visitors center. Owner: U.S. Geological Survey.

**AQUIFER.**--Aquia aquifer of Paleocene age.

**WELL CHARACTERISTICS.**--Drilled observation water well, diameter 2 in., depth 78.90 ft, screened 73.90 ft to 78.90 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Unpublished digital recorder data Apr. 3, 1996, to May 8, 1996.

**DATUM.**--Elevation of land-surface datum is 135 ft above sea level. Measuring point: Top of casing, 1.50 ft above land-surface datum.

**REMARKS.**--Records provided by Virginia Department of Environmental Quality - Water Division.

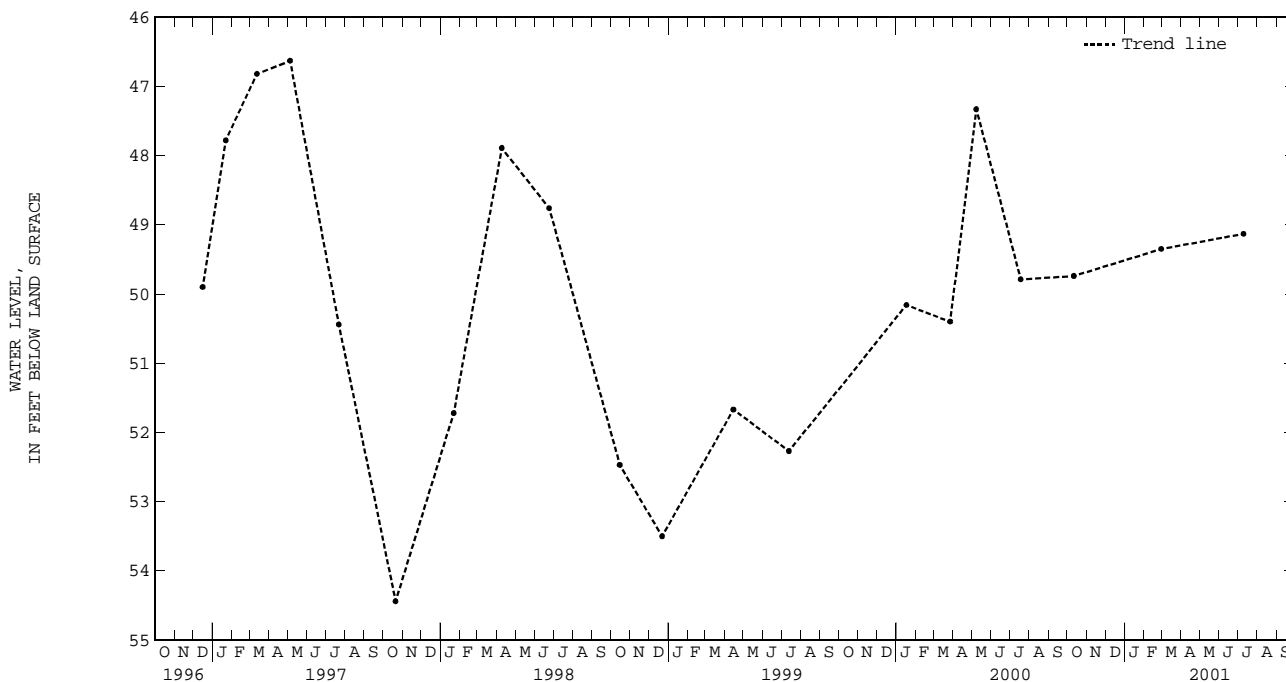
PERIOD OF RECORD.--November 1995 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 46.63 ft below land-surface datum, May 5, 1997; lowest measured, 54.44 ft below land-surface datum, Oct. 21 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	49.74	FEB 28	49.35	JUL 10	49.13

WATER YEAR 2001      HIGHEST    49.13    JUL 10, 2001      LOWEST    49.74    OCT 11, 2000



## HENRICO COUNTY

373301077194001. Local number, 52J 1.

**LOCATION.**--Lat 37°33'02", long 77°19'39", NAD83, Hydrologic Unit 02080206, at the intersection of Daisy and Vine Streets, at water tower in Highland Springs. Owner: Henrico County.

**AQUIFER.**--Middle Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled unused water well, diameter 10 in. to 212 ft, diameter 6 in. from 212 to 306 ft, depth 306 ft, screened 212 to 306 ft.

**INSTRUMENTATION.**--Weekly measurements by Henrico County personnel and occasional measurements with chalked tape by USGS personnel. Prior to Apr. 2, 1992, digital recorder 60-minute punch.

**DATUM.**--Elevation of land-surface datum is 172 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

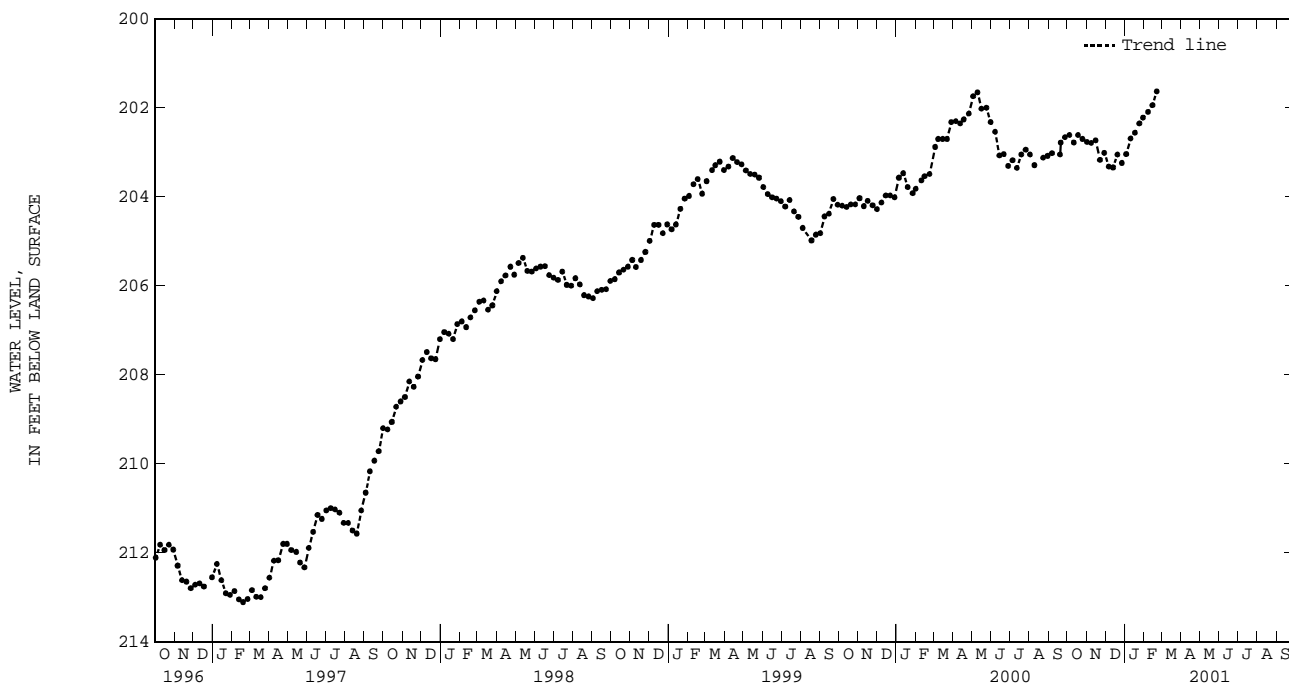
**REMARKS.**--Water level affected by local pumpage and regional drawdown.

**PERIOD OF RECORD.**--January 1988 to February 2001 (discontinued).

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level recorded, 197.64 ft below land-surface datum, Jan. 25, 26, 1988; lowest measured, 213.11 ft below land-surface datum, Feb. 19, 1997.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	202.61	NOV 01	202.77	NOV 29	203.01	DEC 27	203.24	JAN 24	202.35	FEB 21	201.63
11	202.78	08	202.79	DEC 06	203.32	JAN 03	203.04	30	202.22		
18	202.61	15	202.73	13	203.34	10	202.69	FEB 07	202.09		
25	202.70	22	203.17	20	203.05	17	202.56	14	201.94		
WATER YEAR 2001		HIGHEST	201.63	FEB 21, 2001	LOWEST	203.34	DEC 13, 2000				



## HENRICO COUNTY

373125077185001. Local number, 52J 34.

**LOCATION.**--Lat 37°31'26", long 77°18'49", NAD83, Hydrologic Unit 02080206, at the intersection of U.S. Highway 60 (Williamsburg Road) and Finley Drive and 200 ft east of Finley Drive. Owner: Henrico County.

**AQUIFER.**--Lower Potomac aquifer of Cretaceous age.

**WELL CHARACTERISTICS.**--Drilled unused water well, diameter 10 in. to 165 ft, diameter 8 in. from 165 to 272 ft, depth 272 ft, screened 222 to 265 ft.

**INSTRUMENTATION.**--Weekly measurements by Henrico County personnel and occasional measurements with chalked tape by USGS personnel. Prior to Feb. 18, 1992, digital recorder 60-minute punch.

**DATUM.**--Elevation of land-surface datum is 162 ft above sea level, from topographic map. Measuring point: Top of casing, 0.9 ft above land-surface datum.

**REMARKS.**--Water level affected by local pumpage and regional drawdown.

PERIOD OF RECORD.--January 1988 to June 1996, September 1997 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 182.75 ft below land-surface datum, Jul. 11, 2001; lowest measured, 204.90 ft below land-surface datum, Jun. 26, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	184.82	DEC 06	184.63	FEB 07	184.19	APR 11	183.63	JUN 13	183.09	AUG 17	182.90
11	185.01	13	184.90	14	184.15	18	183.45	20	183.31	23	182.86
18	184.80	20	184.30	21	183.95	25	183.61	27	183.41	29	182.80
25	185.01	27	184.51	28	183.90	MAY 02	183.55	JUL 03	183.32	SEP 05	182.87
NOV 01	184.80	JAN 03	184.56	MAR 07	183.56	09	183.63	11	182.75	19	182.76
08	184.63	10	184.22	14	183.49	16	183.25	17	183.09		
15	184.53	17	184.35	21	183.47	23	183.18	25	182.98		
22	184.74	24	184.14	28	183.98	30	183.23	AUG 01	183.25		
29	184.57	30	183.81	APR 04	183.77	JUN 06	183.20	08	182.92		

WATER YEAR 2001	HIGHEST	182.75	JUL 11, 2001	LOWEST	185.01	OCT 11, 2000	OCT 25, 2000
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